

Report No.: 51.05512 PURE Downlight

Test Time: 2023-06-03 11:11

## Luminaire Property

Luminaire Category: Bridgelux V6HD 3000K CRI90

Luminaire Description: 48D

Current: 0.054 A

Power Factor: 0.968

Voltage: 212.3 V

Power: 11.10 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 381.9 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H48.2

Vertical Diffuse Angle(50%): V48.2

Luminaire Efficacy Rating (LER): 34

Max. Intensity: 523.17 cd

Total Rated Lamp Lumens: 381.9 lm

Efficiency: 100%

Upward Ratio: 0%

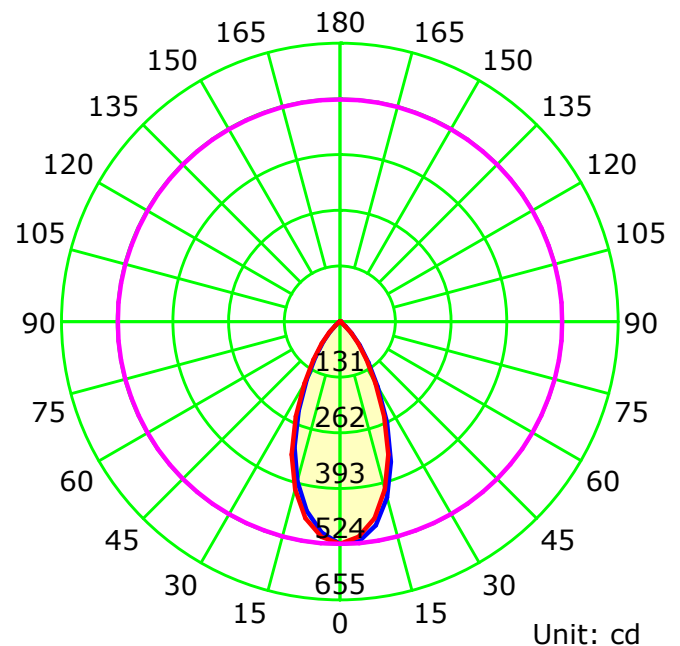
Central Intensity: 523.17 cd

Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G0

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

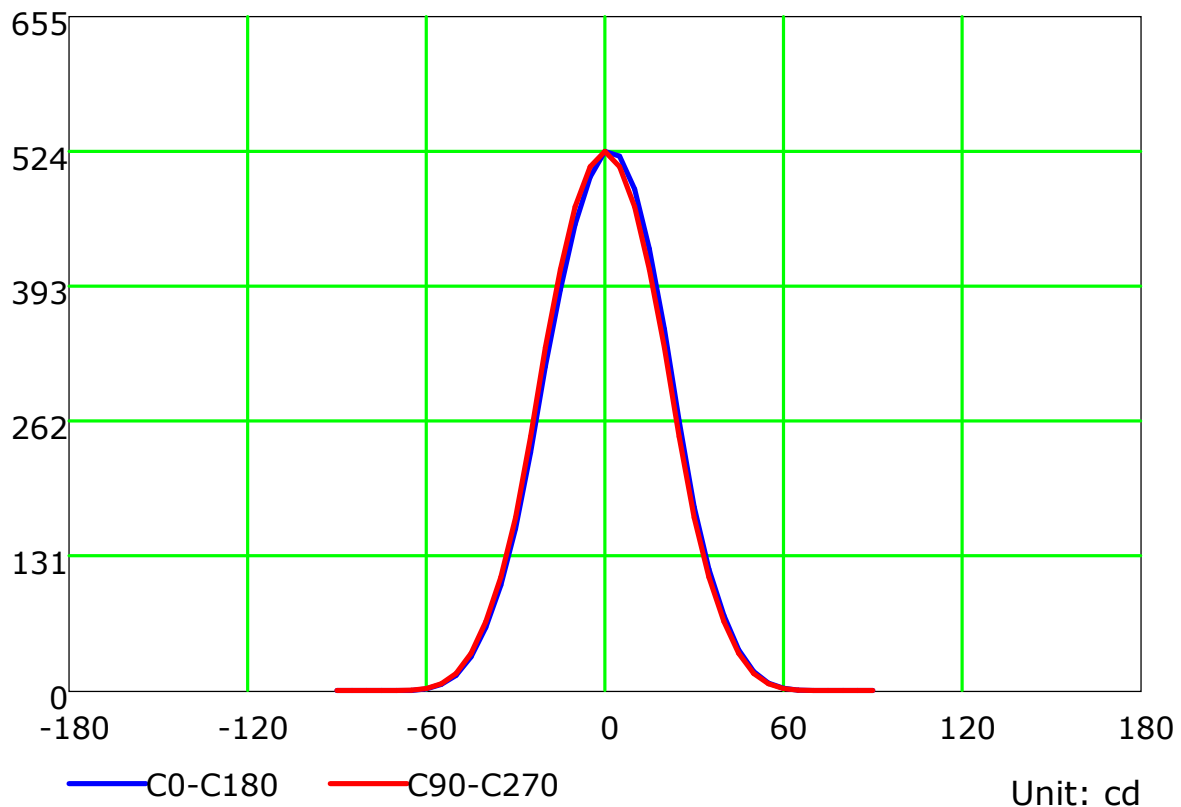
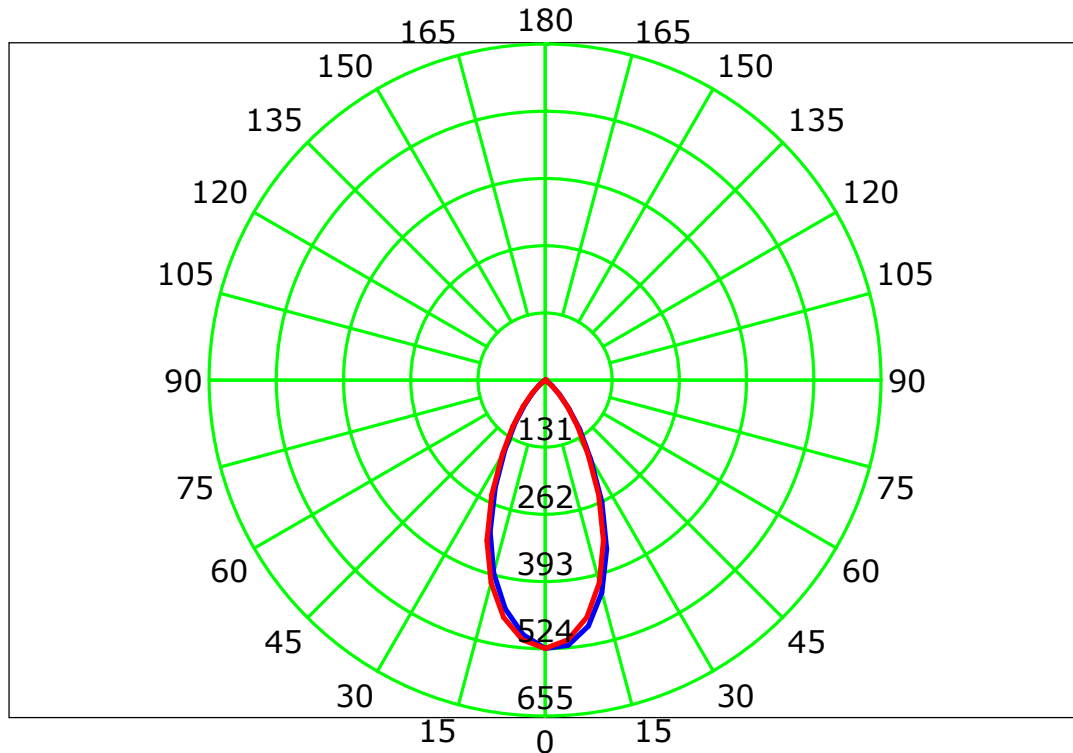
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

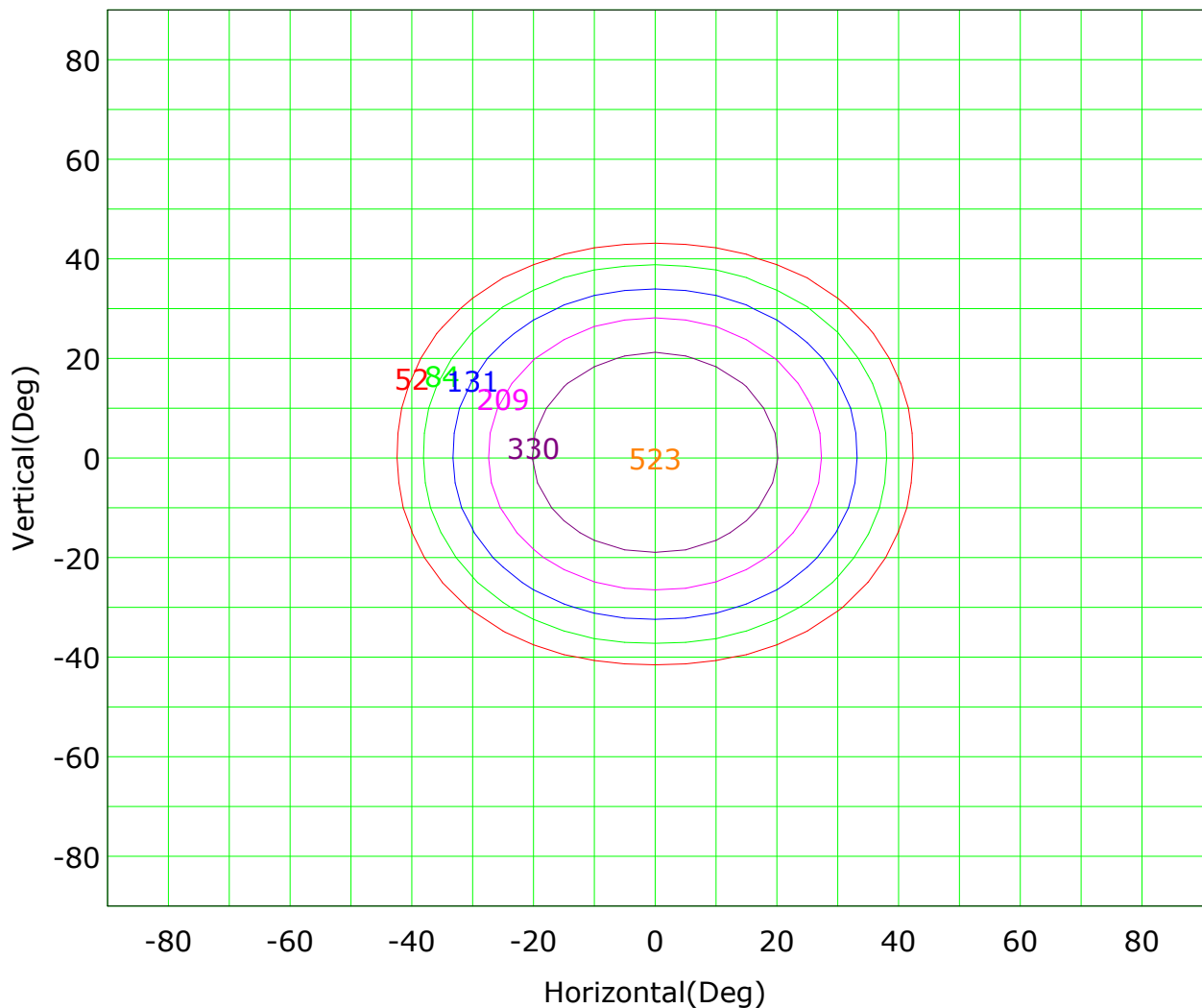
## Luminous Intensity Distribution Curve



C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-90.0:5.0  
Test Device: CHL-6E  
Distance: 3.000 m  
Humidity:  
Inspector:

## Isocandela (rectangle)



Imax (100%): 523 cd

|                |                |
|----------------|----------------|
| ( 10%): 52 cd  | ( 16%): 84 cd  |
| ( 25%): 131 cd | ( 40%): 209 cd |
| ( 63%): 330 cd | (100%): 523 cd |

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

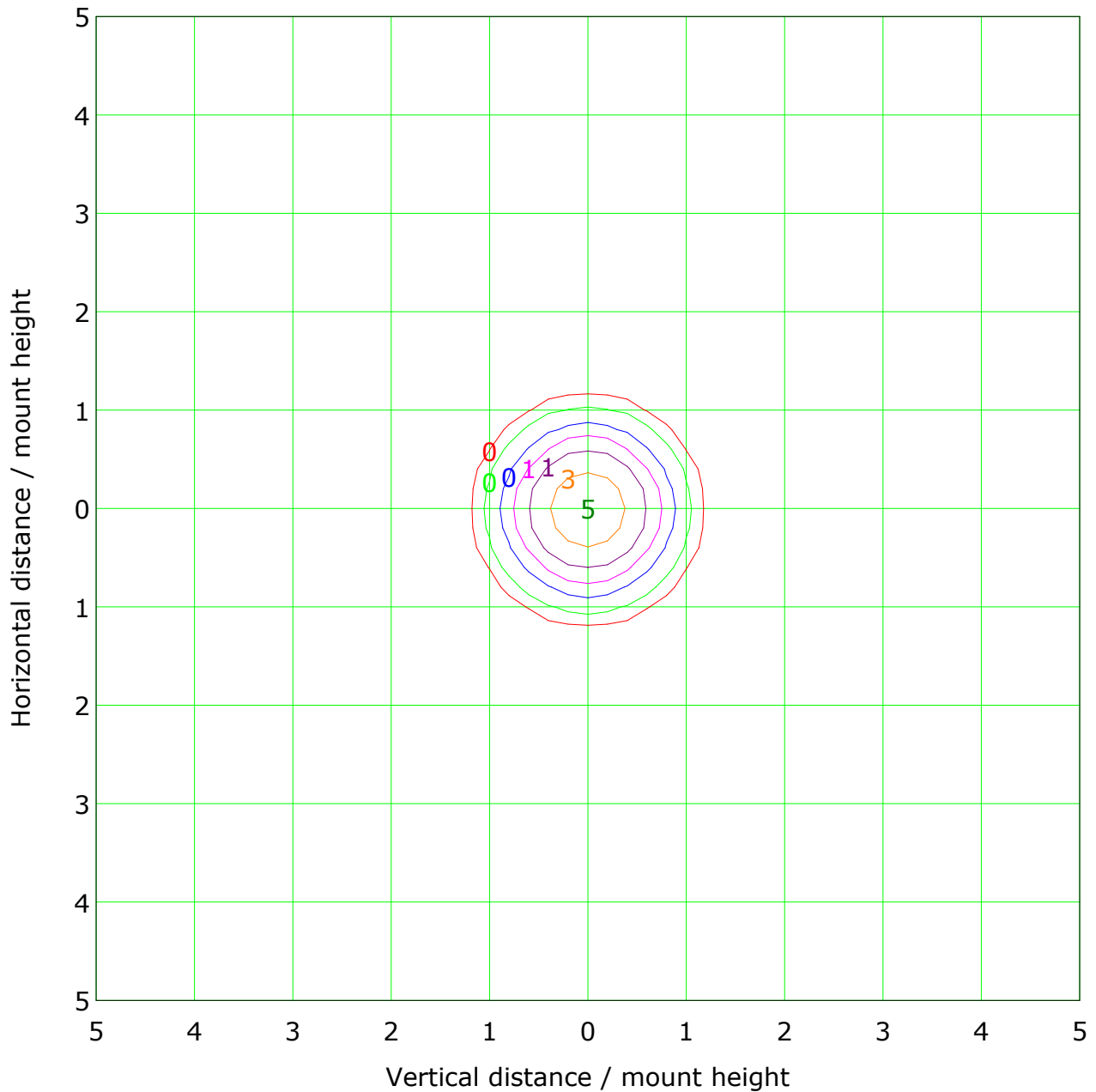
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

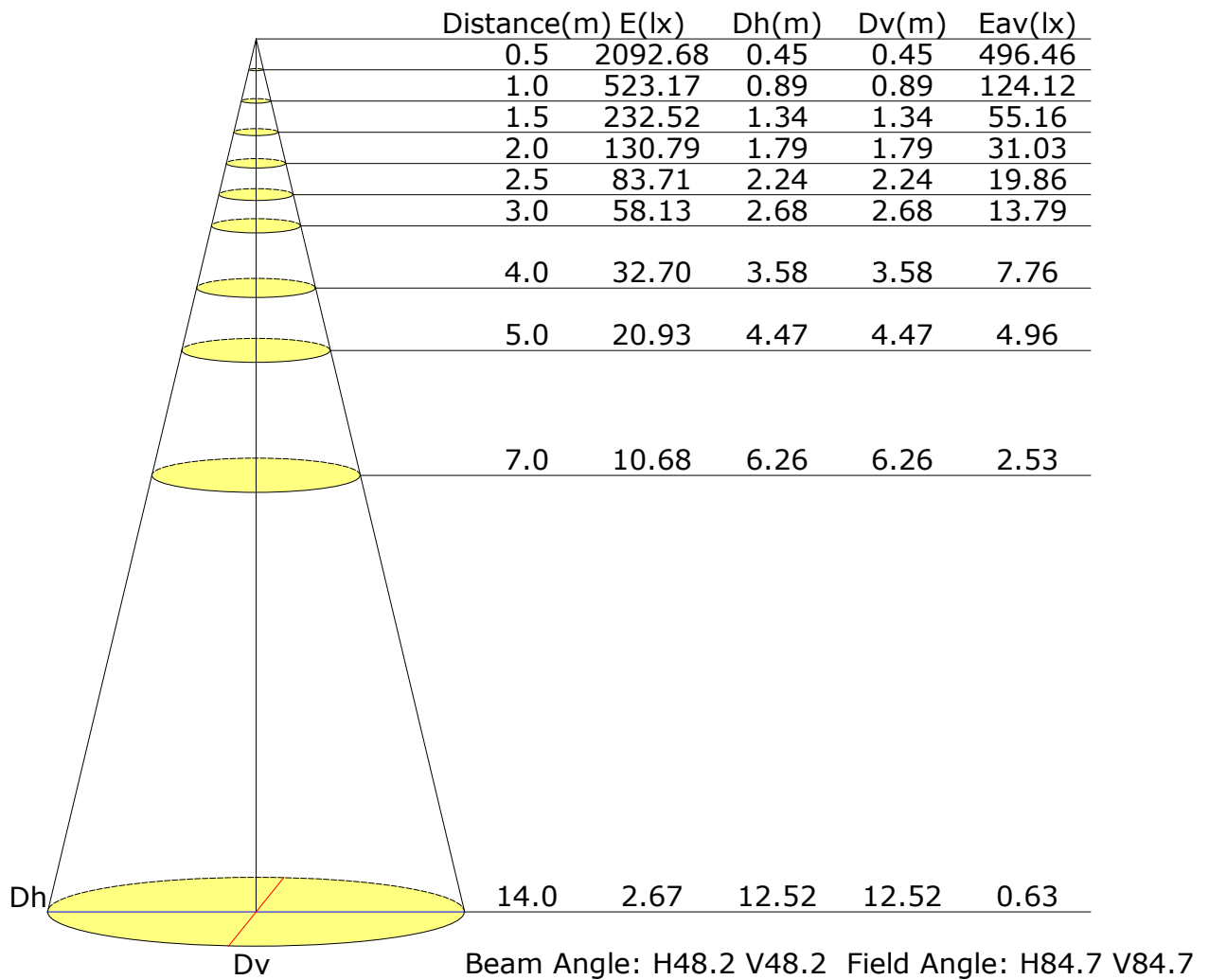


|                      |      |                     |      |
|----------------------|------|---------------------|------|
| Mounting Height: 10m |      | Max Lux(100%): 5 lx |      |
| ( 1%):               | 0 lx | ( 2%):              | 0 lx |
| ( 5%):               | 0 lx | ( 10%):             | 1 lx |
| ( 20%):              | 1 lx | ( 50%):             | 3 lx |
| (100%):              | 5 lx |                     |      |

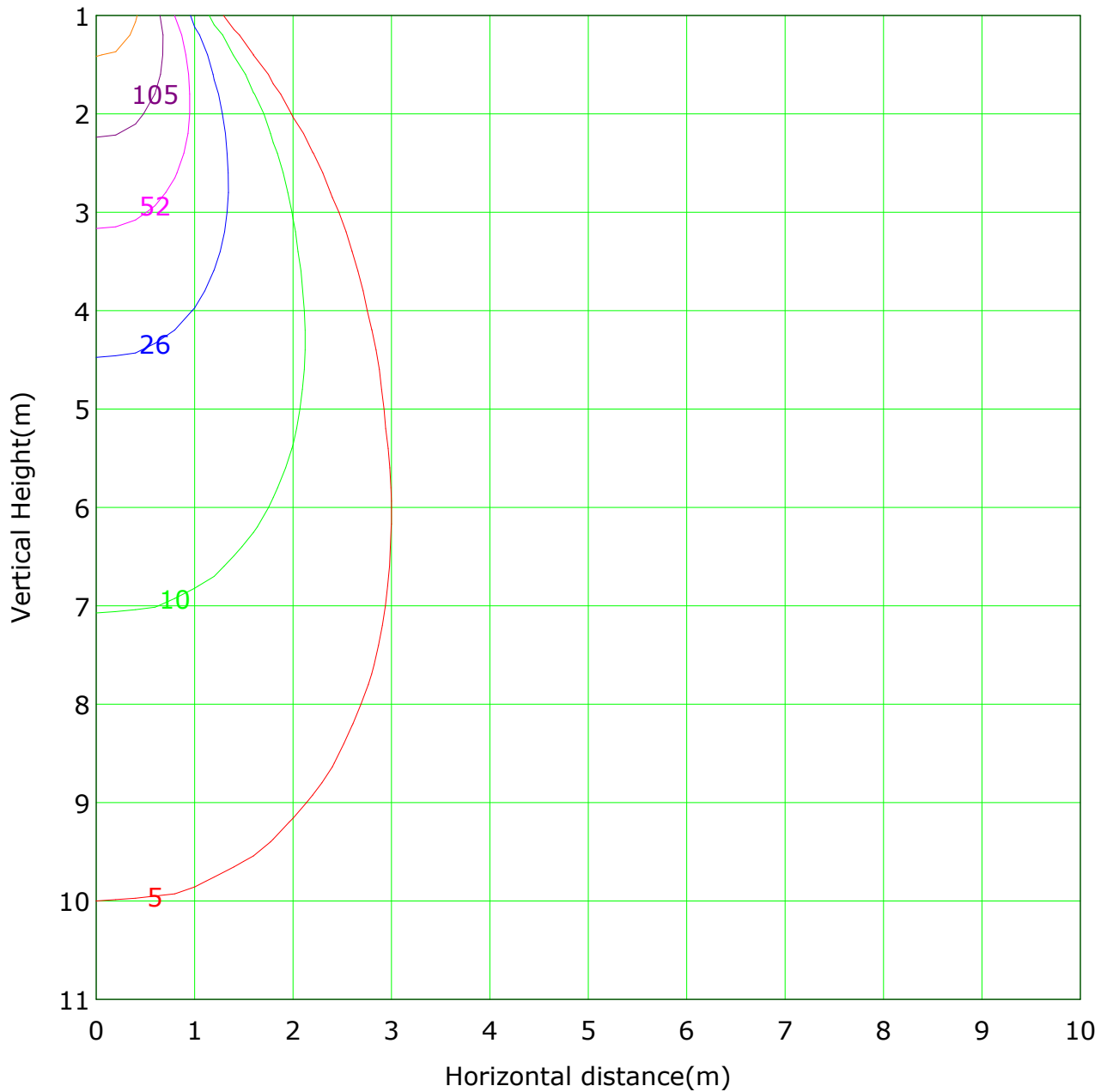
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-90.0:5.0  
Test Device: CHL-6E  
Distance: 3.000 m  
Humidity:  
Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



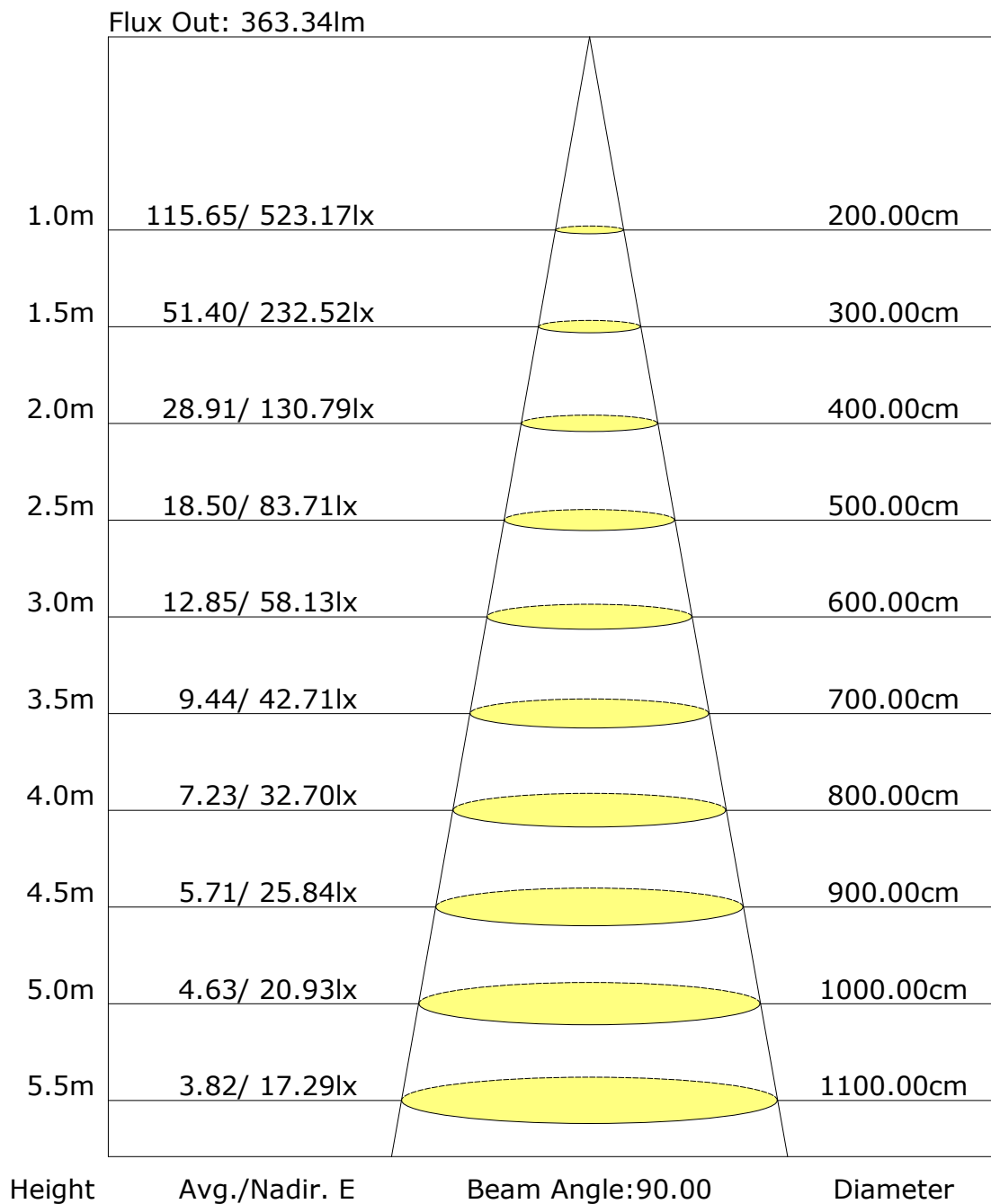
Lowest(m): 1m Highest(m): 11 Max Lux: 523

|                |                |
|----------------|----------------|
| ( 1%): 5 lx    | ( 2%): 10 lx   |
| ( 5%): 26 lx   | ( 10%): 52 lx  |
| ( 20%): 105 lx | ( 50%): 262 lx |
| (100%): 523 lx |                |

C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-90.0:5.0  
Test Device: CHL-6E  
Distance: 3.000 m  
Humidity:  
Inspector:

## The average illuminance effective figure



C Plane (°): 0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°): 0.0-90.0: 5.0  
Test Device: CHL-6E  
Distance: 3.000 m  
Humidity:  
Inspector:

## Zonal Lumen

[illegible]

Inspector:



## Candlepower Table

Unit: cd

[illegible]

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector: